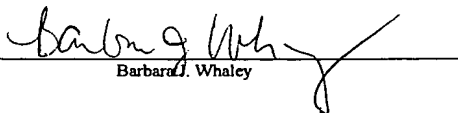


**EXPRESS MAIL CERTIFICATE**

"Express Mail" EL 852681218 US Date of Deposit: June 29, 2001

I hereby certify that this **INFORMATION DISCLOSURE STATEMENT AND FORM PTO-1449** are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Assistant Commissioner For Patents Washington, D.C. 20231

By

  
Barbara J. Whaley



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF	:	CUCIUREAN-ZAPAN, et al.
FOR	:	<b>BLACK COMPONENT GENERATION</b>
SERIAL NO.	:	Unknown
FILED	:	Herewith
EXAMINER	:	Unknown
ART UNIT	:	Unknown
LAST OFFICE ACTION	:	None
ATTORNEY DOCKET NO.	:	D/A1148 XER 2 0438

Cleveland, Ohio 44114-2518

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicants submit the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patents require no further explanation (or no translation is available).

**U.S. Patents:**

AA- 5,126,838 to Ohsawa, et al  
AB- 5,402,245 to Motta, et al.  
AC- 5,402,253 to Seki  
AD- 5,917,994 to Perumal, Jr., et al.  
AE- 5,992,971 to Takahashi, et al.  
AF- 6,031,630 to Blair, et al.  
AG- 6,039,434 to Moroney  
AH- 6,137,596 to Decker, et al.

**Other Art:**

- AJ- 1) Device-Independent Color Imaging and Imaging System Integration, PROCEEDINGS (SPIE-The international Society for Optical Engineering. Vol. 1909, by Ricardo J. Motta and Hapet A. Berberian, Feb., 1993.  
2) The Black Printer, by R. Holub, C. Pearson, and W. Kearsley. Journal of Imaging Technology, Vol. 15, No. 4, August 1989.
- AK- 1) RGB-YMCK Color Conversion by Application of the Neural Networks, Transforms & Transportability of Color, the First IS&T/SID COLOR IMAGING CONFERENCE, by Gabriel Marcu and Kansei Iwata, Graphica Computer Corp., Tokyo, Japan, 1993.  
2) Black Addition, Undercolor Removal, and Gray Component Replacement, by Raja Balasubramanian and Martin Maltz, Aug. 26, 1997.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

**[X] WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this information disclosure statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 24-0037.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



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W. Scott Harders  
Reg. No. 42,629  
1100 Superior Avenue, Seventh Floor  
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(216) 861-5582

<b>Subst. Form PTO-1449</b>  <b>APPLICANT'S(S) INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.:</b> D/A1148 XER 2 0438		<b>Serial No.:</b> Unknown	
		<b>Applicant(s):</b> CUCTUREAN-ZAPAN, et al.			
		<b>Filing Date:</b> Herewith		<b>Group:</b> Unknown	

J1040 U.S. PTO  
09/896460  
06/29/01

U.S. PATENT DOCUMENTS							
Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	5,126,838	6/30/92	Ohsawa, et al.			2/19/91
	AB	5,402,245	3/28/95	Motta, et al.			1/27/94
	AC	5,402,253	3/28/95	Seki			8/19/93
	AD	5,917,994	6/29/99	Perumal, Jr., et al.			8/11/97
	AE	5,992,971	11/30/99	Takahashi, et al.			10/28/94
	AF	6,031,630	2/29/00	Blair, et al.			5/5/98
	AG	6,039,434	3/21/00	Moroney			3/4/97
	AH	6,137,596	10/24/00	Decker, et al.			8/10/99
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subcl.	Translation?
	AI						
OTHER ART							
J	AJ	1) Device-Independent Color Imaging and Imaging System Integration, PROCEEDINGS (SPIE-The international Society for Optical Engineering. Vol. 1909, by Ricardo J. Motta and Hapet A. Berberian, Feb., 1993.					
		2) The Black Printer, by R. Holub, C. Pearson, and W. Kearsley. Journal of Imaging Technology, Vol. 15, No. 4, August 1989.					
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		2) Black Addition, Undercolor Removal, and Gray Component Replacement, by Raja Balasubramanian and Martin Maltz, Aug. 26, 1997.					
	AL						

Examiner:	Date Considered:
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.	